



State of New Jersey
DEPARTMENT OF TRANSPORTATION

1035 PARKWAY AVENUE
CN 600
TRENTON, NEW JERSEY 08625

Frank J. Wilson
Commissioner

IN REPLY PLEASE REFER TO

Traffic Fines Doubled in
Work Area - Construction Sign

94024 ADU

May 3, 1994

MEMORANDUM

All Design Units

Subject: New Roadway Construction Detail Sheet CD-34A

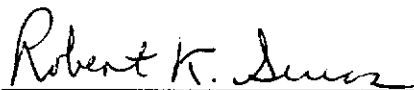
In order to comply with new State legislation, a new construction sign "Traffic Fines Doubled in Work Area", designation R(NJ) 5-17, has been developed. This sign, and several other new construction signs (designations E5-1, W50-1C, W20-1F-M and W20-10G), have been included on a new Standard Roadway Construction Detail sheet CD-34A.

"Traffic Fines Doubled in Work Area" sign shall be located 500' after the first Advance Warning sign (W20 series) in each work area. It is expected that this measure will help reduce construction zone accidents in the future.

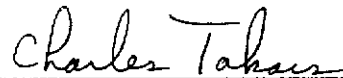
All construction projects shall include the new Construction Detail sheet CD-34A.

RECOMMENDED BY:

APPROVED BY:



Robert K. Suess
Chief, Bureau of Roadway
Plans and Specifications



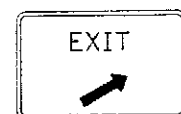
Charles Takacs
Director of Roadway Design
(Chief Engineer of Roadway Design)

Implementation Code B

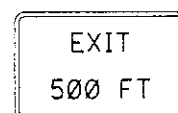
Attachment

CT:RKS:KS:ab

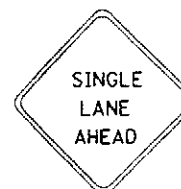
94024 ADU



E5 - 1
60" x 48"



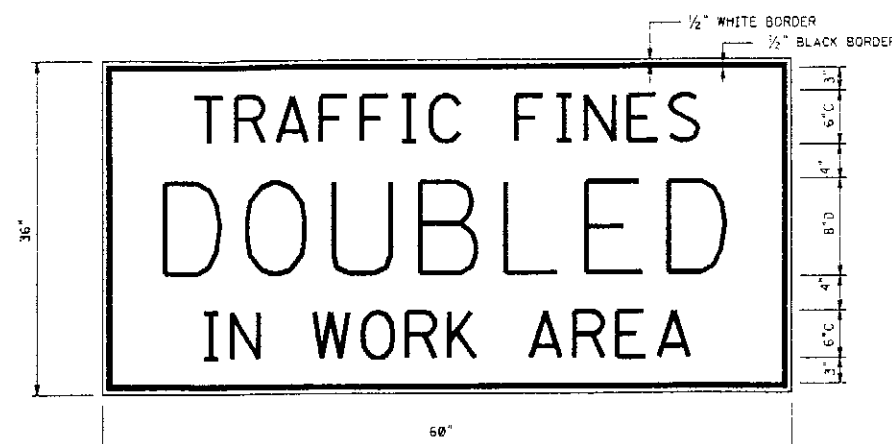
W50 - 1C
60" x 48"



W20 - 1F(M)
48" x 48"



W20 - 10(G)
48" x 48"



NOTE:

MESSAGE TO BE BLACK LETTERS
ON WHITE REFLECTIVE BACKGROUND.

R1N15-17
60" x 36"

GENERAL NOTES:

1. DIMENSIONS, COLORS AND DETAILS OF VARIOUS SIZE SIGNS, AND ACCESSORY PANELS TO FOLLOW STANDARDS IN THE CURRENT "STANDARD HIGHWAY SIGN PUBLICATION" AND THE CURRENT "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS".
2. (S) REPRESENTS A SPECIAL SIZE SIGN.
3. LETTERS AND NUMERALS SHALL CONFORM TO THE CURRENT MANUAL, "STANDARD ALPHABETS FOR HIGHWAY SIGNS" U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION.
4. THE CONTRACTOR SHALL OBTAIN THE APPROVAL OF THE ENGINEER FOR THE DISTANCE TO BE USED ON THE ADVANCE WARNING SIGNS, AND FOR THE SPEED LIMIT TO BE USED ON THE R2-1 SIGN.

DISTANCE LEGEND

SIGN NUMBER FOLLOWED BY	
LETTER	DISTANCE
A	1500'
B	1000'
C	500'
D	1 MILE
E	1/2 MILE AHEAD
F	AHEAD

BACKING MATERIAL

1. ALUMINUM SHALL BE FLAT SHEET OF ALLOY 5052-H38 OR 8061-T6 ALLOY, .120" GAUGE.

TEMPORARY SIGN SUPPORTS

1. SIGN SUPPORTS SHALL BE OF WELL SEASONED LUMBER, S4S, FREE OF SPLITS, KNOTS AND WARPS OR, OF STEEL COMPONENTS.
2. WOOD POSTS SHALL HAVE A UNIFORM CROSS-SECTION AND SHALL NOT EXCEED THE FOLLOWING DIMENSIONS FOR:
 SINGLE POST = 4" x 6"
 TWO POSTS = 3" x 6" OR 4" x 5"
 THREE POSTS = 3" x 5" OR 4" x 4"

4" x 6" WOOD POSTS SHALL BE MODIFIED BY DRILLING 1/2" DIAMETER HOLES 4" AND 18" ABOVE THE GROUND LINE AND PERPENDICULAR TO THE ROADWAY CENTERLINE.

3. NO BRACING IS PERMITTED. VERTICAL CLEARANCES FOR SIGNS MOUNTED ON WOOD SUPPORTS SHALL BE 7' MINIMUM. EMBEDMENT DEPTH FOR THE WOOD POST SHALL NOT EXCEED 3.5'.

4. STEEL POSTS SHALL BE IN ACCORDANCE WITH THE STANDARD DETAIL FOR U-POST SIGN SUPPORT.

5. TEMPORARY SIGN SUPPORTS NOT MEETING THIS CRITERIA SHALL BE SHIELDED BY A LONGITUDINAL BARRIER OR IMPACT ATTENUATOR.

SIGN FACES

1. SIGN FACES SHALL BE RETROREFLECTIVE SHEETING, TYPE II EXCEPT FOR THE W20 SERIES AND W4-2 SIGN FACES WHICH SHALL BE TYPE IIB SHEETING.

FASTENING

1. ALL SIGNS SHALL BE SECURELY FASTENED TO THEIR SUPPORTS WITH BOLTS, NUTS AND WASHERS IN ACCORDANCE WITH THE SPECIFICATIONS.

NOTE:

CD - 37 MUST ACCOMPANY THIS DETAIL

CONSTRUCTION SIGNS

CD - 34.1

CD-34A

NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS